

SEQUENCE LISTING

<110> EXELIXIS PLANT SCIENCES, INC.

<120> GENES UPREGULATED IN A TOMATO PLANT HAVING AN INCREASED ANTHOCYANIN CONTENT PHENOTYPE

<130> EP04-001C-PC

<150> US 60/465,605

<151> 2003-04-25

<160> 12

<170> PatentIn version 3.2

<210> 1

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<212> DNA

<213> Lycopersicon esculentum

<400> 1

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Gly Gly Pro Ile Ala Phe Asn Ile Ile Cys Gln Tyr Gly Val Asn Ser
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Ile Ser Ile Ala Gln Thr Val Ile Ser Thr Phe Ser Phe Gly Phe Met
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Met Gly Met Gly Ser Ala Leu Glu Thr Leu Cys Gly Gln Ala Tyr Gly
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Ala Gly Gln Val His Met Leu Gly Val Tyr Met Gln Arg Ser Ile Ile
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Thr Pro Leu Leu Val Leu Leu Gly Gln Glu Thr Ala Ile Ala Asp Leu
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Ser Gly Arg Tyr Thr Met Leu Leu Ile Pro Gln Leu Phe Ser Leu Ala
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Ile Ala Phe Asp Leu Thr Asn Trp Leu Thr Ala Met Ala Gln Leu Ala
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Cys Met Asn Ile Asn Gly Trp Glu Ser Met Leu Phe Ile Gly Ile Asn
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Leu Leu Gly Tyr Val Ala Lys Leu Gly Thr Lys Gly Leu Trp Leu Gly
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gctctgaagg agaaggcgat cgaagggtgaa gtaaagacta cagaaacaac acaagagaag	240
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35 40 45

Ser Asn Pro Glu Lys Glu Ser Asn Gly Ala Thr Phe Lys Glu Glu Glu
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Val Pro Val Glu Val Glu Pro Lys Thr Gly Val Ser Phe Pro Val Lys
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Leu Glu Asp Gly Lys Gln Leu Lys Ala Val Gly Leu Arg Lys Lys Ser
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Met Leu Gly Met Gly Ile Lys Ile Tyr Gly Phe Gly Ile Tyr Ala Asp
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Asn Glu Lys Leu Lys Asp Leu Met Gln Ser Lys Ile Ala Lys Ala Pro
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Ala Lys Pro Thr Lys Glu Met Tyr Gln Met Val Ile Asp Ser Asp Leu
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Gly Met Met Met Arg Leu Val Ile Val Phe Ser Asn Leu Thr Met Asn
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Met Val Arg Lys Asn Phe Asp Glu Gly Leu Gly Ala Ala Ile Lys Lys
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Ala Ser Asp Asp Ile Lys Leu Asn Ser Gly Ser Val Ile Glu Ile Ser
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Arg Leu Pro Gly Tyr Val Leu Gln Thr Lys Val Lys Gly Glu Ile Val
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<213> *Lycopersicon esculentum*

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